



## Practice Masters Level A

### 2.1 The Real Numbers and Absolute Value

Insert  $<$ ,  $>$ , or  $=$  to make each statement true.

- |   |                                 |   |
|---|---------------------------------|---|
| 1. $11$ _____ $6$                       | 2. $0$ _____ $6$                | 3. $0$ _____ $-6$                       |
| 4. $-7$ _____ $5$                       | 5. $4$ _____ $-3$               | 6. $3$ _____ $-4$                       |
| 7. $-2$ _____ $1$                       | 8. $-19$ _____ $1$              | 9. $0$ _____ $-28$                      |
| 10. $-5$ _____ $-4$                     | 11. $-8$ _____ $-1$             | 12. $-18$ _____ $-4$                    |
| 13. $-2\frac{1}{2}$ _____ $-2$          | 14. $-1\frac{3}{4}$ _____ $-2$  | 15. $-5\frac{1}{4}$ _____ $-5.25$       |
| 16. $-\frac{1}{3}$ _____ $-\frac{2}{3}$ | 17. $-\frac{2}{5}$ _____ $-0.4$ | 18. $-\frac{1}{2}$ _____ $-\frac{1}{4}$ |
| 19. $-1$ _____ $-1.1$                   | 20. $-2.83$ _____ $-2.8$        | 21. $-3\frac{3}{8}$ _____ $-3.375$      |

Find the opposite of each number.

- |                |                  |                          |                           |
|----------------|------------------|--------------------------|---------------------------|
| 22. $18$ _____ | 23. $-5$ _____   | 24. $-9$ _____           | 25. $(8 - 2)$ _____       |
| 26. $0$ _____  | 27. $-1.4$ _____ | 28. $4\frac{1}{8}$ _____ | 29. $-3\frac{2}{7}$ _____ |
| 30. $x$ _____  | 31. $m$ _____    | 32. $-x$ _____           | 33. $-z$ _____            |

Find the absolute value of each number.

- |                |                |                |                     |
|----------------|----------------|----------------|---------------------|
| 34. $18$ _____ | 35. $-5$ _____ | 36. $-9$ _____ | 37. $(8 - 2)$ _____ |
|----------------|----------------|----------------|---------------------|

Simplify each expression.

- |                      |                          |                          |
|----------------------|--------------------------|--------------------------|
| 38. $-(-1)$ _____    | 39. $-(-6)$ _____        | 40. $-(8 + 4)$ _____     |
| 41. $-(8 - 4)$ _____ | 42. $-(8 \cdot 4)$ _____ | 43. $-(8 \div 4)$ _____  |
| 44. $-(7)$ _____     | 45. $-(5 - 5)$ _____     | 46. $-(7 - 6.5)$ _____   |
| 47. $ 6 $ _____      | 48. $ 101 $ _____        | 49. $ -13 $ _____        |
| 50. $- 12 $ _____    | 51. $ 18 \div 2 $ _____  | 52. $- 9 \cdot 5 $ _____ |